

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1844198	@ad>"19990902" or @rlad>"19990902"	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:08
L2	159	rendering same print same previous\$3 and l1	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:15
L4	3388372	@ad<"20001002" or @rlad<"20001002"	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:11
L5	465554	l1 and l4	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:11
L6	429612	image and large	US-PGPUB; USPAT; EPO	ADJ	OFF	2006/03/08 15:15
L7	1763	709/1.15.ccls or 709/227.ccls.	USPAT	ADJ	OFF	2006/03/08 15:14
L8	268	l6 and l7	USPAT	ADJ	OFF	2006/03/08 15:14
L9	495	(709/1.15.ccls or 709/227.ccls.) and l5	USPAT	ADJ	OFF	2006/03/08 15:15
L10	0	(image and large).clm. and l9	US-PGPUB; USPAT; EPO	ADJ	OFF	2006/03/08 15:15
L11	160	rendering same print same previous\$3 and l4	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:16
L12	1	rendering same print same previous\$3 and l7	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:16
L15	0	(render\$5 and print\$3).clm. and l9	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:20
L16	0	(render\$5 and print\$3).clm. and l9	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 15:20

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	print with size with transmis\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2006/03/08 14:33
L2	3	image with large with transmis\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2006/03/08 14:34
L3	8685410	@ad<"20000302" or rl@ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 14:34
L4	271	rendering same print same previous\$3 and l3	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 14:36
S1	1	"5587800".pn.	USPAT	OR	OFF	2004/12/20 17:22
S2	1198	reus\$3 with print\$3	USPAT	OR	OFF	2004/12/20 13:15
S3	19	reus\$3 with print\$3 same print job	USPAT	ADJ	OFF	2004/12/20 16:14
S4	41	reus\$3 with print\$3 with portion	USPAT	ADJ	OFF	2005/09/02 15:18
S5	15	reus\$3 with print\$3 same network	USPAT	OR	OFF	2004/12/20 13:15
S6	6	reus\$3 with print\$3 and "711"/\$.ccls.	USPAT	ADJ	OFF	2004/12/20 13:17
S7	9	("5402527"   "5416896"   "5535318"   "5748860"   "5897634"   "6389462"   "6418448"   "6424993"   "6441919"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/20 13:18
S8	20	("5402527").URPN.	USPAT	OR	OFF	2004/12/20 13:26
S9	112	cach\$3 with print	USPAT	OR	OFF	2004/12/20 16:14
S10	36	reus\$3 with print\$3 same print job	US-PGPUB; USPAT	ADJ	OFF	2004/12/20 16:18
S11	0	yoshda.in.	US-PGPUB; USPAT	ADJ	OFF	2004/12/20 16:15
S12	0	yoshda.in.	US-PGPUB	ADJ	OFF	2004/12/20 16:15
S13	2560	yoshida.in.	US-PGPUB	ADJ	OFF	2004/12/20 16:15
S14	0	yoshida.in. and cannon.as.	US-PGPUB	ADJ	OFF	2004/12/20 16:16
S15	30	yoshida.in. and canon.as.	US-PGPUB	ADJ	OFF	2004/12/20 16:18
S16	3397	yoshida.in. and canon.as.	JPO	ADJ	OFF	2004/12/20 16:19
S17	3	yoshida.in. and canon.as. and print	EPO	ADJ	OFF	2004/12/20 16:21
S18	217	yoshida.in. and canon.as.	EPO	ADJ	OFF	2004/12/21 17:55
S19	25	image with large with transmis\$5	EPO	ADJ	OFF	2004/12/20 16:34
S20	1659	image with large with transmis\$5	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/20 16:36
S21	18	image with large with transmis\$5 same determin\$3 same (capacity or memory)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/23 15:40

## EAST Search History

S22	2	image with large with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2006/03/08 14:33
S23	0	print with large with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/20 16:41
S24	0	print with (size) with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/20 16:48
S25	35	data with (size) with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/20 16:42
S26	0	print with (file) with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/20 16:49
S27	30	(file) with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/20 16:49
S28	9	mastie.in. and (international adj business).as.	USPAT	OR	OFF	2004/12/20 17:23
S29	15	mastie.in. and (international adj business).as.	US-PGPUB; USPAT	OR	OFF	2004/12/20 17:23
S30	6	image with size with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/21 10:23
S31	0	print with size with transmiss\$5 same determin\$3 same (exceeds)	US-PGPUB; USPAT; EPO	ADJ	OFF	2006/03/08 14:33
S32	1	data with size with transmiss\$5 same determin\$3 same (exceeds) same printer	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/21 10:24
S33	10	(US-5402527-\$ or US-6145031-\$ or US-6266150-\$ or US-6441919-\$ or US-6476931-\$ or US-6480866-\$ or US-6515756-\$ or US-6734872-\$ or US-6771387-\$ or US-6819440-\$).did.	USPAT	OR	OFF	2004/12/21 15:28
S34	0	rendered same print same previously	EPO	ADJ	OFF	2004/12/21 17:55
S35	33	rendered same print	EPO	ADJ	OFF	2004/12/21 18:11
S37	178	rendered same print same previous\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 17:59
S38	117	rendered same print same previous\$3 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:04
S39	116	rendering same print same previous\$3 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 14:34
S40	73	S39 not S38	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:04

## EAST Search History

S41	397	render\$3 same print\$3	EPO	ADJ	OFF	2004/12/21 18:13
S42	0	S41 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2006/03/08 14:33
S43	0	S41 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:12
S44	0	S41 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:14
S45	20741	render\$3 same print\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:13
S46	13603	S45 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:13
S47	23387	printer.ab.	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:14
S48	2519	S45 and S47	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:14
S49	1624	S48 and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:15
S50	44	S48 and RIP and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/21 18:16
S51	4961	render\$3 and "358"/\$.ccls.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 09:54
S52	2333	render\$3 and "358"/1\$.ccls.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 09:54
S53	1572	render\$3 and "358"/1\$.ccls. and (network or transmission)	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 09:54
S54	738	render\$3 and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 09:59
S55	42	render\$3 and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and reuse	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:12
S56	738	render\$3 and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:12
S57	2888	reus\$3	EPO	ADJ	OFF	2004/12/22 10:00
S58	112036	reus\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:00
S59	58	S58 and S56	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:00
S60	58	render\$3 and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and reus\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:31
S61	6	render\$3 and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and RIP file	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:12

## EAST Search History

S62	111	render\$3 and "358"/1\$.ccls. and @ad<"20000302" and reus\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:13
S63	53	S62 not S60	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:13
S64	7	render\$3 same rip and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and reus\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:32
S66	12	"358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and previously with rendered	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 10:33
S67	1	render\$3 same rip and "358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and previously with rendered	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 11:58
S68	41	"358"/1\$.ccls. and (network or transmission) and @ad<"20000302" and previously same rendered	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 11:58
S69	17	(US-5402527-\$ or US-6145031-\$ or US-6266150-\$ or US-6441919-\$ or US-6476931-\$ or US-6480866-\$ or US-6515756-\$ or US-6538760-\$ or US-6734872-\$ or US-6771387-\$ or US-6819440-\$ or US-6606165-\$ or US-6295538-\$ or US-5920686-\$ or US-6256108-\$ or US-5604847-\$ or US-6213652-\$).did.	USPAT	OR	OFF	2004/12/22 12:06
S70	20741	render\$3 same print\$3	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 14:55
S71	23387	printer.ab.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 14:09
S72	2519	S70 and S71	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 14:09
S73	5	("6659662" "6567622" "6700678" "6592275" "5287194").PN.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 15:01
S74	2	("6457883" "5592594").PN.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 15:05
S75	5	"5450532".pn. or "5564117".pn. or "5587800".pn. or "5680488".pn. or "5842216".pn. or "5842216".pn.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 15:09
S76	2	"5171632".pn. or "4942541".pn.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 15:10
S77	2	"5175632".pn. or "4942541".pn.	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 16:07
S78	10	print with cache same determine	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 16:12
S79	570	358/1.1.ccls. and @ad<"20000203"	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 16:21

## EAST Search History

S80	827	358/1.16.ccls. and @ad<"20000203"	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 18:29
S81	140	358/1.16.ccls. and @ad<"20000203" and (cach\$3 or reus\$3)	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 16:22
S82	22	("4896275"   "5115493"   "5191430"   "5303334").PN. OR ("5604847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 18:11
S83	10	reus\$3 with print with portion	USPAT	ADJ	OFF	2004/12/22 17:52
S84	90	reus\$3 with image with portion	USPAT	ADJ	OFF	2004/12/22 17:53
S85	2	reus\$3 with image with portion and "358"/\$.ccls.	USPAT	ADJ	OFF	2004/12/22 17:53
S86	0	reus\$3 with image with portion and 7\$2/\$.ccls	USPAT	ADJ	OFF	2004/12/22 17:54
S87	0	reus\$3 with image with portion and "709"/\$.ccls	USPAT	ADJ	OFF	2004/12/22 17:54
S88	0	reus\$3 with image with portion and "709"/\$.ccls.	USPAT	ADJ	OFF	2004/12/22 17:54
S89	1	reus\$3 with image with portion and 7\$2/\$.ccls.	USPAT	ADJ	OFF	2004/12/22 17:54
S90	14	("4964070"   "5018083"   "5142620"   "5146554"   "5251022"   "5357344"   "5465322"   "5539865"   "5542031"   "5592593"   "5604847"   "5621543"   "5715382").PN. OR ("5900003").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 17:55
S91	16	("4594674"   "4745561"   "5051925"   "5093903"   "5313565").PN. OR ("5592593").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 17:57
S92	20	(US-5402527-\$ or US-6145031-\$ or US-6266150-\$ or US-6441919-\$ or US-6476931-\$ or US-6480866-\$ or US-6515756-\$ or US-6538760-\$ or US-6734872-\$ or US-6771387-\$ or US-6819440-\$ or US-6606165-\$ or US-6295538-\$ or US-5920686-\$ or US-6256108-\$ or US-6213652-\$ or US-5694485-\$ or US-5900003-\$ or US-5592593-\$ or US-6181432-\$).did.	USPAT	OR	OFF	2004/12/22 18:15
S93	20	("4811242"   "4812999"   "4825405"   "4879666"   "4944614"   "4949287"   "5018883"   "5041994"   "5044790"   "5045880"   "5083162"   "5103303"   "5113229"   "5121162"   "5159546"   "5172167"   "5220645"   "5293477"   "5313573").PN. OR ("5694485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 18:19
S94	6	("5694485"   "5699266"   "5732197"   "5748860"   "5995718").PN. OR ("6144458").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 18:22

## EAST Search History

S95	827	358/1.16.ccls. and @ad<"20000203"	US-PGPUB; USPAT	ADJ	OFF	2004/12/22 18:29
S96	1	("6466329").PN. OR ("6819445"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 18:34
S97	1	("6466329").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 18:35
S98	9	("5243381"   "5444518"   "5448375"   "5548666"   "5754308"   "5859935"). PN. OR ("6466329").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/22 18:36
S99	420	358/1.16.ccls. and size with memory	US-PGPUB; USPAT	ADJ	OFF	2004/12/23 14:46
S10 0	290	358/1.16.ccls. and size with memory and @ad<"19990319"	US-PGPUB; USPAT	ADJ	OFF	2004/12/23 14:47
S10 1	1	"5774654".pn.	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/23 15:42
S10 2	2	"5774654".pn. or "6009462".pn.	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/23 16:05
S10 3	1	"6144458".pn.	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/23 17:42
S10 4	1	"6144458".pn. and identif\$4	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/27 09:43
S10 5	1	"6665791".pn.	US-PGPUB; USPAT; EPO	ADJ	OFF	2004/12/27 09:43
S10 6	23	(US-5402527-\$ or US-5592593-\$ or US-5694485-\$ or US-5900003-\$ or US-5920686-\$ or US-6144458-\$ or US-6145031-\$ or US-6181432-\$ or US-6213652-\$ or US-6256108-\$ or US-6266150-\$ or US-6295538-\$ or US-6441919-\$ or US-6466329-\$ or US-6476931-\$ or US-6480866-\$ or US-6515756-\$ or US-6538760-\$ or US-6606165-\$ or US-6734872-\$ or US-6771387-\$ or US-6819440-\$ or US-6819445-\$).did.	USPAT	OR	OFF	2005/09/02 15:13
S10 7	1	("6466329").PN. OR ("6819445"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/02 15:13

## EAST Search History

S10 8	58	reus\$3 with print\$3 with portion	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 15:40
S10 9	10882951	@ad<"20000302" or rlad<"20000302"	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 15:41
S11 0	58	S109 and S108	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 15:41
S11 1	4869834	@ad<"20000302" or @rlad<"20000302"	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 15:41
S11 2	58	S110 and S108	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 18:05
S11 3	43	reus\$3 with print\$3 with portion	USPAT	ADJ	OFF	2005/09/02 15:42
S11 4	15	S112 not S113	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 15:42
S11 5	376	encrypt\$5 with (file adj name or filename or File adj3 (identifier or ID))	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 19:23
S11 6	3213808	@rlad<"20000302" or @ad<"20000302"	US-PGPUB; USPAT	ADJ	OFF	2005/09/02 18:08
S11 7	127	S116 and S115	US-PGPUB; USPAT	ADJ	OFF	2005/09/02 18:07
S11 8	13111649	@rlad<"20000302" or @ad<"20000302"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	ADJ	OFF	2005/09/02 18:08
S11 9	127	S118 and S115	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	ADJ	OFF	2005/09/02 19:18
S12 0	7	S118 and S115 and chunk\$1	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	ADJ	OFF	2005/09/02 19:22



## EAST Search History

S12 1	282	(crc or sum\$1 or checksum) with (file adj name or filename or File adj3 (identifier or ID))	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 19:25
S12 2	7	S118 and S120	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 19:26
S12 3	138	S118 and S121	US-PGPUB; USPAT; EPO; IBM_TDB	ADJ	OFF	2005/09/02 19:26
S12 4	27	(US-20030056112-\$ or US-20050172124-\$).did. or (US-5402527-\$ or US-5579517-\$ or US-5592593-\$ or US-5694485-\$ or US-5900003-\$ or US-5920686-\$ or US-6144458-\$ or US-6145031-\$ or US-6181432-\$ or US-6213652-\$ or US-6249782-\$ or US-6256108-\$ or US-6266150-\$ or US-6295538-\$ or US-6441919-\$ or US-6466329-\$ or US-6476931-\$ or US-6480866-\$ or US-6515756-\$ or US-6538760-\$ or US-6606165-\$ or US-6734872-\$ or US-6771387-\$ or US-6819440-\$ or US-6819445-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/01/23 10:56